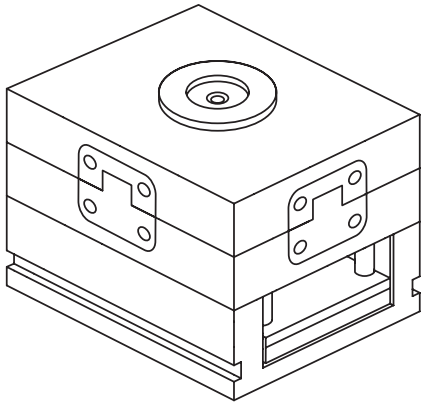
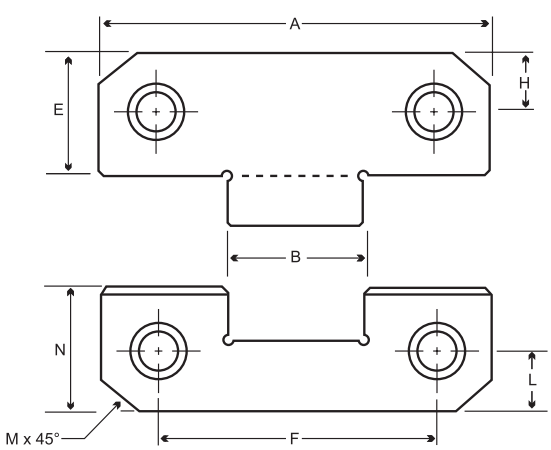
S01 Straight Side Locks

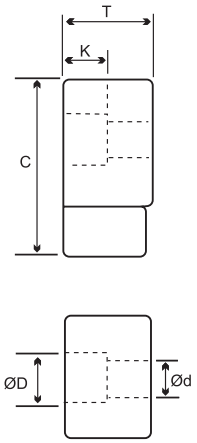
KAXI™

MATERIAL: Tool Steel

HARDNESS: HRC58+/-2







METRIC STANDARD

CODE	A	B	C	D	d	E	F	H	L	M	T	K	N	Weight(kg)
S01-50	50	17	30	10.5	6.5	21.5	34	11	11	5	16	8	21.5	0.27
S01-75	75	25	50	16.5	10.5	36	50	18	18	5	19	12	36	0.81
S01-100	100	35	65	16.5	10.5	45	70	22	22	5	19	12	45	1.34
S01-125	125	45	65	16.5	10.5	45	84	22	22	5	25	12	45	2.21

INCH STANDARD

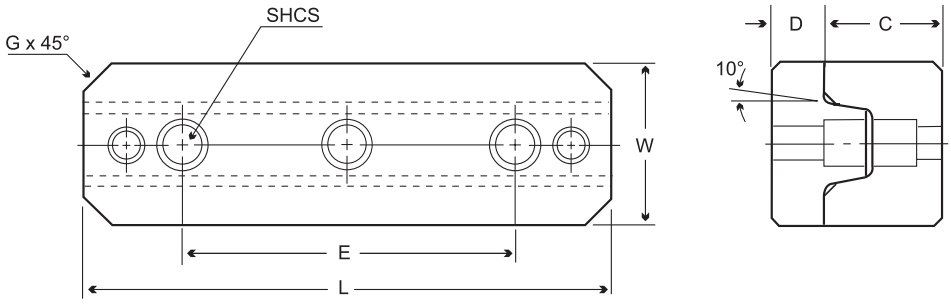
CODE	A	B	C	D	d	E	F	H	L	M	T	K	N	Weight(kg)
S01-15A	1.5000	.5000	1.180	.406	.281	.870	.938	.437	.281	.190	.620	.312	.870	0.21
S01-20A	2.0000	.6800	1.180	.406	.281	.870	1.250	.437	.375	.190	.620	.312	.870	0.27
S01-30A	3.0000	1.0000	1.910	.593	.406	1.360	2.250	.688	.688	.190	.745	.438	1.370	0.81
S01-40A	4.0000	1.3750	2.640	.593	.406	1.870	2.750	.875	.875	.500	.745	.438	1.870	1.34
S01-50A	5.0000	1.7500	2.640	.781	.531	1.870	3.500	.875	.875	.500	1.120	.563	1.870	2.21

S02 Tapered Locks

KAXI™

MATERIAL: Tool Steel

HARDNESS: HRC58+/-2



METRIC STANDARD

CODE	E	L +0/-0.1	W +0/-0.01	D +0/-0.01	C +0/-0.01	G	SHCS	Weight(kg)
S02-50	--	50	25	8	17.5	5	M5 (1x)	0.25
S02-100	60	100	30	10	22	5	M6 (2x)	0.75
S02-150	100	150	40	13	25	5	M8 (3x)	1.79

INCH STANDARD

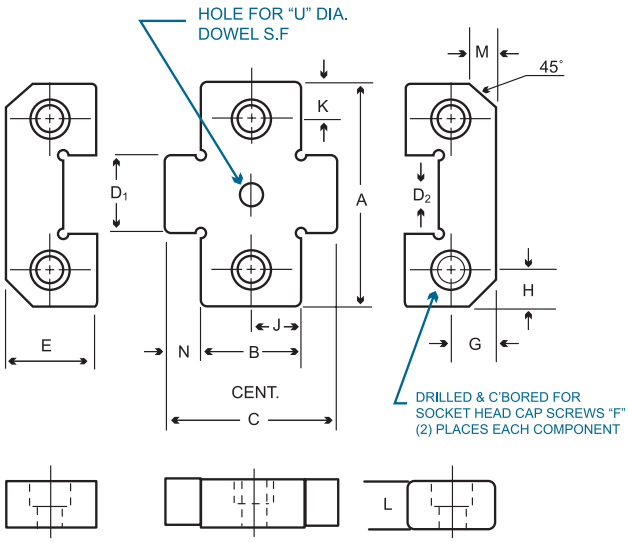
CODE	E ± .005	L ± .010	W +0/-.001	D ± .005	C ± .005	G	SHCS	Weight(kg)
S02-20A	--	1.980	.999	.312	.69	.20	NO.10 -24(1x)	0.25
S02-40A	2.500	3.980	1.249	.375	.87	.20	1/4" – 20 (2x)	0.75
S02-60A	4.000	5.980	1.499	.500	1.00	.20	5/16" – 18 (2x)	1.78

S03 X-Type Side Locks

KAXI™

MATERIAL: Tool Steel

HARDNESS: HRC58+/-2



METRIC STANDARD

CODE	A +0.00 -0.01	B ±0.1	C	D_1 +0.005 -0.0025	D_2 +0.005 -0.000	E ±0.1	F	G ±0.1	H	J	K	L	M	N	U DIA.	Weight (kg)
S03-4026	40	26	43	12	12	21.5	M6-1X20	11	8	13	8	16	5	8.5	6^{H7} (6D IA X 25LG D WL)	0.35
S03-4036		36	53							18						0.40
S03-5026	50	26	43	17	17	21.5	M6-1X20	11	8	13	8	16	5	8.5	6^{H7} (10D IA X 30LG D WL)	0.43
S03-5036		36	53							18						0.50
S03-7526	75	26	51	25	25	36	M10-1.5 X25	18	12.5	13	12.5	19	5	14	10^{H7} (10D IA X 30LG D WL)	1.10
S03-7536		36	61							18						1.21
S03-10036	100	36	71	35	35	45	M10-1.5 X25	22	15	18	15	19	5	20	10^{H7} 10D IA X 30LG D WL)	1.88
S03-10046		46	81							23						2.03
S03-12536	125	36	71	45	45	45	M10-1.5 X30	22	20.5	18	20.5	25	5	20	12^{H7} 12D IA X 30LG D WL)	3.10
S03-12546		46	81							23						3.34

INCH STANDARD

CODE	A +.0000 -.0004	B ± .004	C	D_1 +.0000 -.0002	D_2 +.0002 -.0000	E ± .004	F	G ± .004	H	J	K	L	M	N	U DIA.	Weight (kg)
S03-1501	1.5000	.850	1.470	.5000	.5000	.870	1/4-20 x3/4	.281	.281	.425	.281	.620	.19	.310	2500 (1/4D IA x1" LG. DWL)	0.31
S03-1502		1.350	1.970							.675						0.37
S03-2001	2.0000	.850	1.470	.6800	.6800	.87 0	1/4-20 x3/4	.375	.375	.425	.375	.620	.19	.310	2500 (1/4D IA x1" LG. DWL)	0.41
S03-2002		1.350	1.970							.675						0.49
S03-3001	3.0000	.850	1.950	1.0000	1.0000	1.370	3/8-16 x1	.688	.375	.425	.375	.745	.19	.550	3750 (3/8D IA x1-1/4" LG. DWL)	1.03
S03-3002		1.350	2.450							.675						1.18
S03-4001	4.0000	1.350	2.890	1.3750	1.3750	1.870	3/8-16 x1	.875	.625	.675	.625	.745	.50	.770	3750 (3/8D IA x1-1/4" LG. DWL)	1.95
S03-4002		1.850	3.390							.925						2.15
S03-5001	5.0000	1.350	2.890	1.7500	1.7500	1.870	1/2-13 x1-1/4	.875	.750	.657	.750	1.120	.50	.770	5000 (1/2D IA x2" LG. DWL)	3.67
S03-5002		1.850	3.390							.925						4.03

S04 Side Locks with Titanium coated

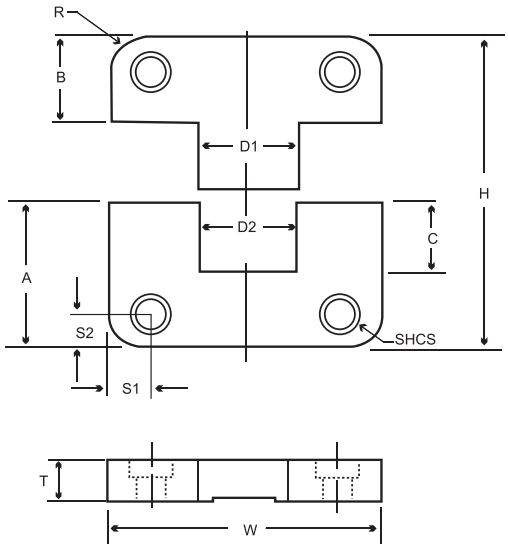
KAXI™

MATERIAL: Tool Steel

HARDNESS:

Male = HRC58+/-2 Black Oxidized

Female = HRC80+/-2 Titanium Nitriding Coated



INCH STANDARD

CODE	W +.0000 -.0004	T +.000 -.002	A +.000 -.002	B -.000 +.002	C	D_1 +.0000 -.0002	D_2 +.0002 -.0000	H +.002 -.004	R	S1/S2 +.01 -.01	SHCS	Weight (kg)
S04-100	1.000	.375	1.125	.875	.53	.500	.500	2.000	.187	.250	#10-32x1/2	0.10
S04-125	1.250	.490	1.125	.875	.66	.500	.500	2.000	.187	.250	#8-32x5/8	0.16
S04-150	1.500	.500	.875	.875	.56	.563	.563	1.750	.187	.250	#8-32x5/8	0.17
S04-200	2.000	.500	1.375	.875	.66	.750	.750	2.250	.187	.312	#10-32x1/2	0.29
S04-300	3.000	.750	1.875	.875	1.13	1.250	1.250	2.750	.250	.375	1/4-20x3/4	0.80
S04-400	4.000	1.000	2.375	1.375	1.25	1.500	1.500	3.750	.500	.500	3/8-16x1	1.93
S04-500	5.000	1.250	2.875	1.375	1.63	2.000	2.000	4.250	.500	.625	1/2-13X1-1/4	3.42
S04-600	6.000	1.500	2.875	1.375	1.75	2.500	2.500	4.250	.500	.625	1/2-13x1-1/2	4.92

S05 Top Locks with Titanium coated

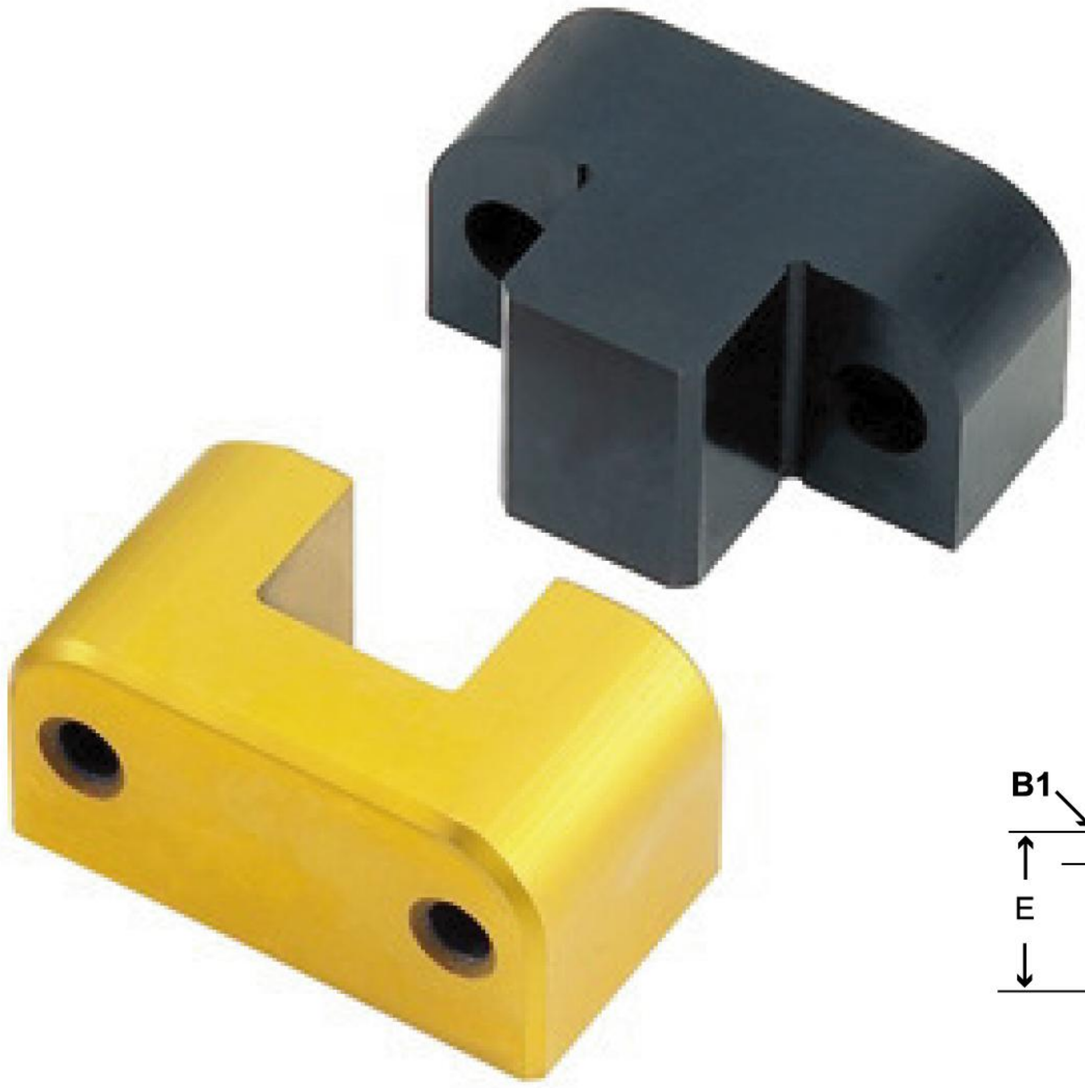
KAXI™

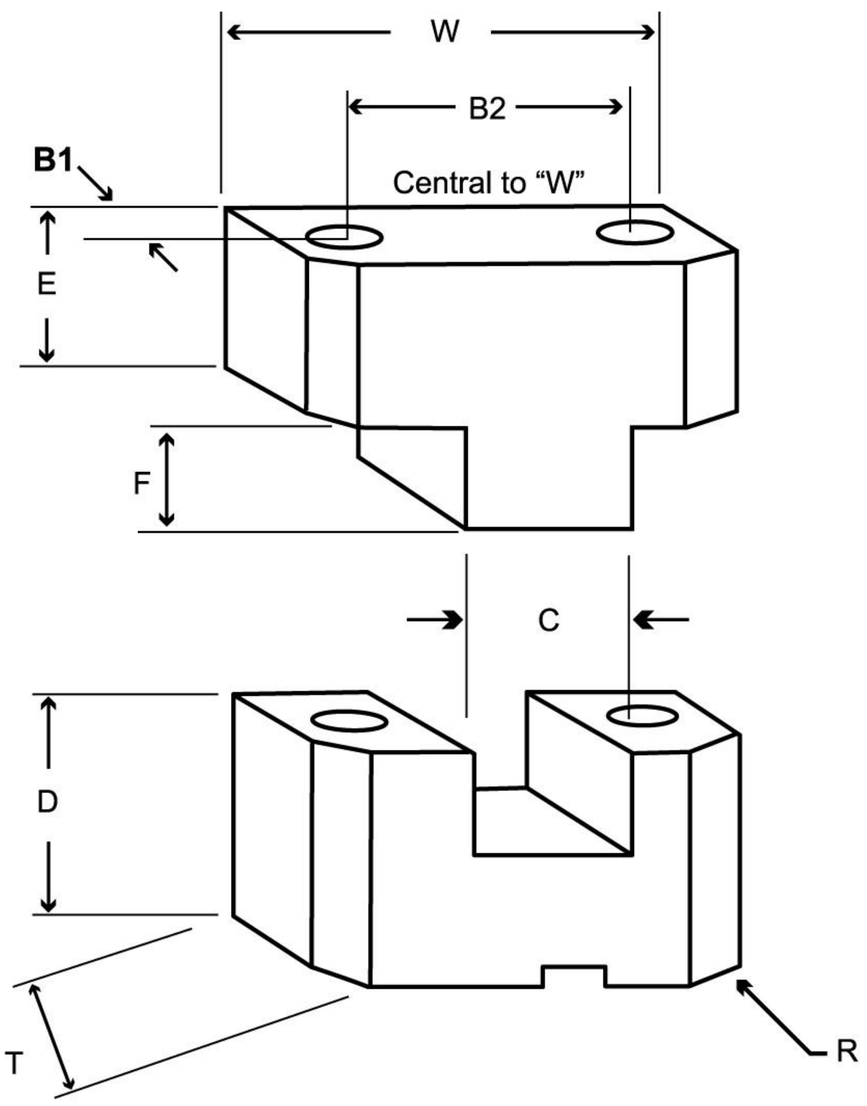
MATERIAL: Tool Steel

HARDNESS:

Male = HRC58+/-2 Black Oxidized

Female = HRC80+/-2 Titanium Nitriding Coated





INCH STANDARD

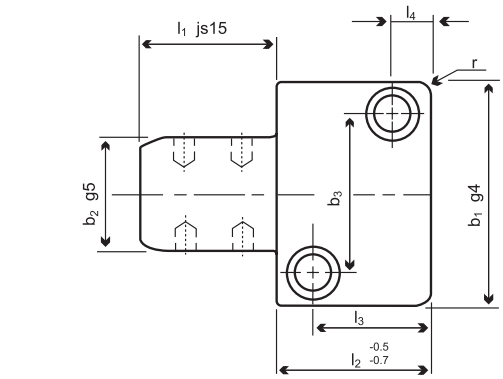
CODE	W +.0000 -.0005	T +.000 -.002	F -.000 +.010	TOTAL HEIGHT	C -.0002 TOTAL	B_1 +0.010 -0.010	B_2 +.010 -.010	D +.000 -.002	R	E +.000 -.002	SHCS MALE(2)	SHCS FEMALE(2)	Weight (kg)
S05-125	1.2500	.625	.375	1.125	.4380	.312	.875	.625	.26	.500	6-32 x 1/2	6-32 x 5/8	0.11
S05-150	1.5000	.875	.500	1.625	.5000	.437	1.000	.875	.26	.750	8-32 x 3/4	8-32 x 3/4	0.27
S05-200	2.0000	1.000	.625	1.875	.7500	.500	1.375	1.125	.38	.750	10-34 x 3/4	10-34 x 1	0.48
S05-300	3.0000	1.125	.750	2.250	1.1250	.562	2.250	1.500	.51	.750	1/4-20 x 3/4	1/4-20 x 1-1/2	0.98

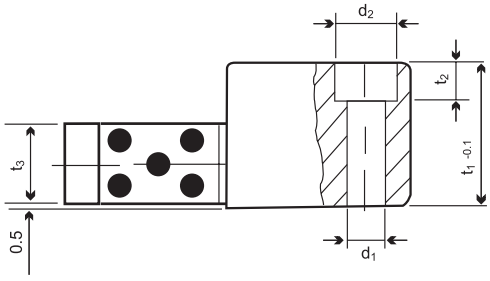
S06 Oilless Side Locks

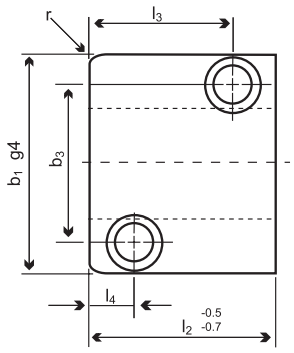
KAXI™

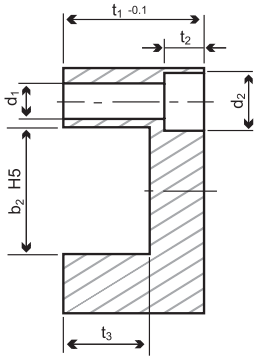
MATERIAL: Tool Steel

HARDNESS: Male = HRC58+/-2









METRIC STANDARD

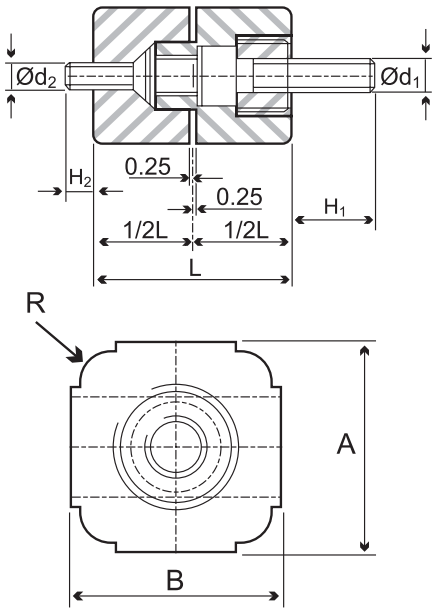
CODE	b_1	b_2	l_1	l_2	t_1	t_3	d_1	d_2	t_2	b_3	l_3	l_4	r	Weight(kg)
S06-40A	40	16	**20**	22	20	11	6.6	11	6.8	26	15	7	6	0.25
S06-40B			**40**											0.27
S06-45A	45	20	**25**	27	22	13	6.6	11	6.8	31	19	7	6	0.40
S06-45B			**50**											0.45
S06-50A	50	25	**32**	36	25	14	6.6	11	6.8	35	27	9	8	0.65
S06-50B			**63**											0.75
S06-63A	63	32	**40**	46	32	19	9	15	9	45	35	11	8	1.30
S06-63B			**80**											1.45
S06-85A	85	40	**50**	56	36	22	11	18	11	60	40	15	10	2.40
S06-85B			**100**											2.75
S06-100A	100	50	**56**	66	40	24	14	20	13	74	48	18	10	3.70
S06-100B			**112**											4.25

S07 Square Interlocks

KAXI™

MATERIAL: Tool Steel

HARDNESS: HRC58+/-2



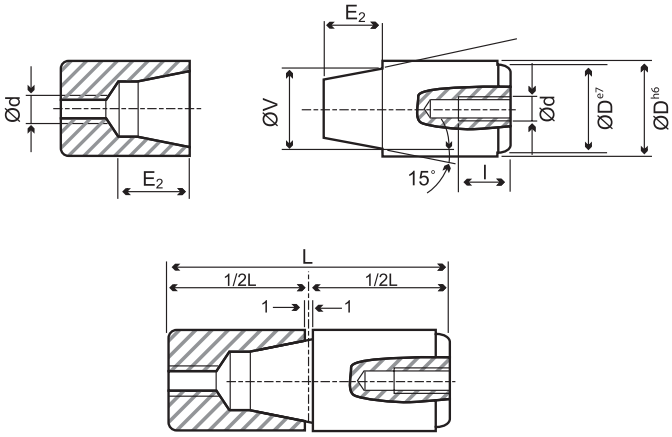
METRIC STANDARD

Code	A	B	L	d_1	d_2	H_1	H_2	R	Weight(kg)
S07 -20	20	20	28	M5	M4	12	4	4	0.08
S07 -25	25	25	32	M6	M5	13	8	5	0.15
S07 -32	32	32	36	M8	M6	15	12	6	0.28
S07 -40	40	40	45	M10	M8	17	10	6	0.56

S08 Round Interlocks

MATERIAL: Tool Steel

HARDNESS: HRC58+/-2



METRIC STANDARD

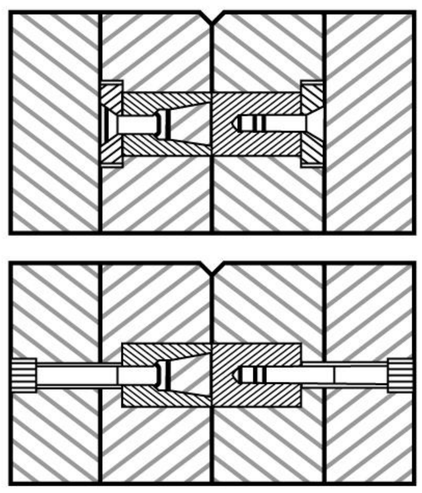
Code	D	L	V	E_1	E_2	l	d	Weight(kg)
S08 -12	12	34	8	5	8	10	M4	0.03
S08 -14	14	34	10	7	8	11	M5	0.04
S08 -16	16	34	10	7	8	11	M5	0.05
S08 -20	20	54	15	10	13	15	M8	0.12
S08 -25	25	54	20	11	13	15	M8	0.20
S08 -26	26	54	20	11	13	15	M8	0.21
S08 -30	30	72	25	14	20	18	M10	0.39
S08 -32	32	72	25	14	20	18	M10	0.45
S08 -42	42	92	35	18	25	18	M10	0.98

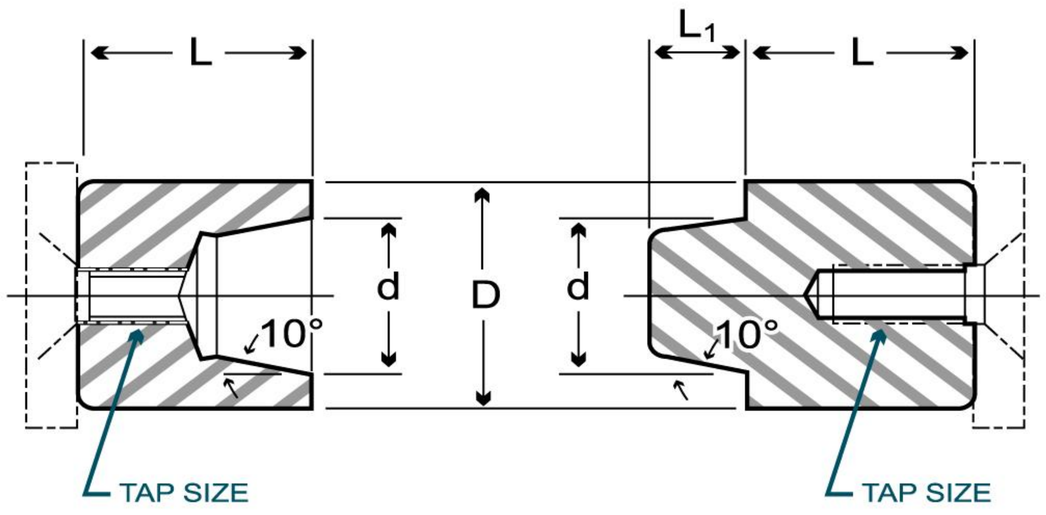
S09 Round Interlocks

KAXI™

MATERIAL: Tool Steel

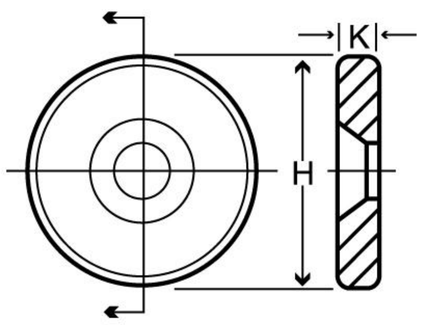
HARDNESS: HRC58+/-2





INCH STANDARD

Code	D +.0000 -.0005	d	L_1	TAP SIZE	L +.010 +.015	Weight(kg)
S09-0411	**1/2”**	5/16”	1/4”	10-24	**11/16”**	0.04
S09-0414					**7/8”**	0.04
S09-0419					**1-3/16”**	0.06
S09-0422					**1-3/8”**	0.08
S09-0611	**3/4”**	1/2”	9/32”	1/4-20	**11/16”**	0.08
S09-0614					**7/8”**	0.10
S09-0619					**1-3/16”**	0.14
S09-0622					**1-3/8”**	0.16
S09-0811	**1”**	5/8”	11/32”	1/4-20	**11/16”**	0.14
S09-0814					**7/8”**	0.18
S09-0819					**1-3/16”**	0.24
S09-0822					**1-3/8”**	0.28
S09-1218	**1-1/2”**	1”	1/2”	5/16-18	**1-1/8”**	0.52
S09-1222					**1-3/8”**	0.64
S09-1226					**1-5/8”**	0.74
S09-1618	**2”**	1-1/2”	1/2”	5/16-18	**1-1/8”**	0.92
S09-1622					**1-3/8”**	1.12
S09-1626					**1-5/8”**	1.32



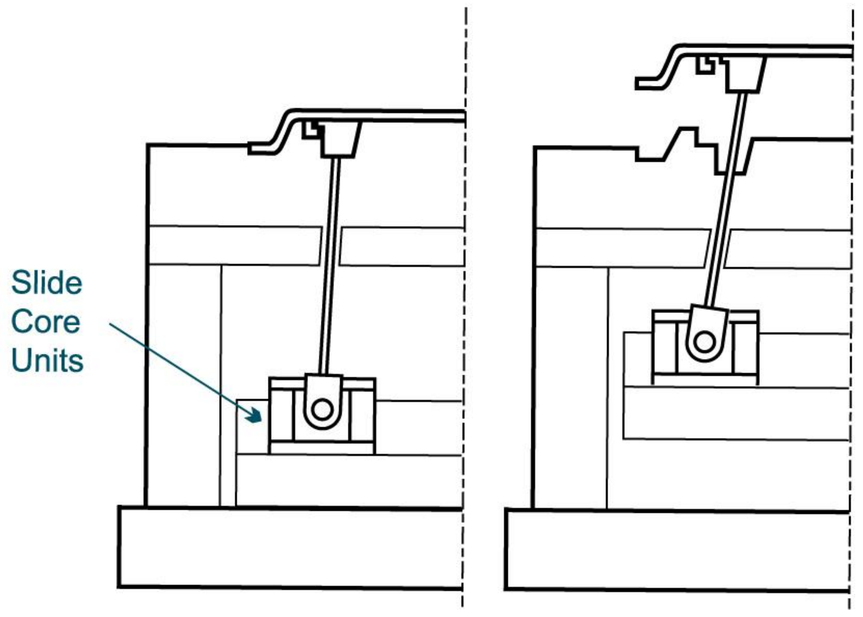
SHOULDER PLATES

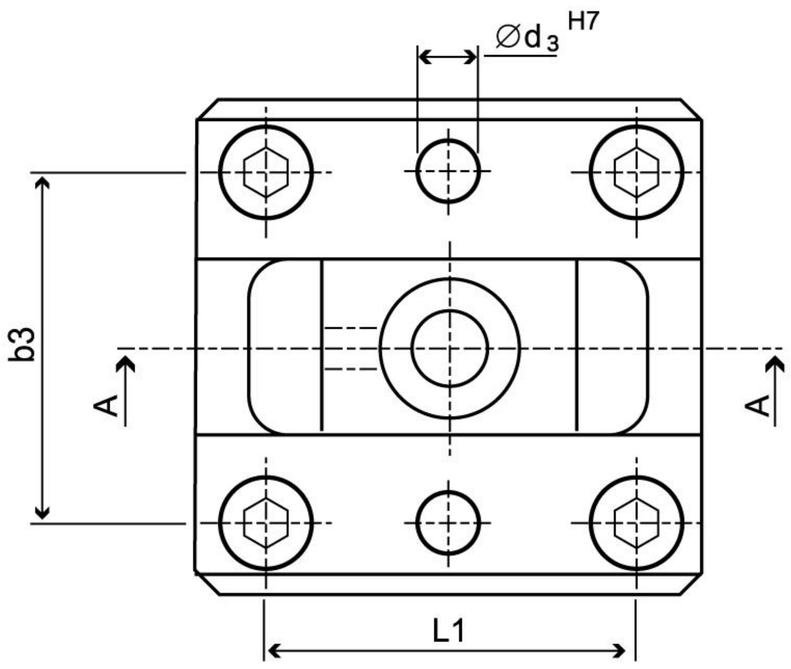
Code	MALE or FEMALE D	H	K -.002	Weight(kg)
SP-04	1/2”	11/16”	3/16”	0.009
SP-06	3/4”	1”	3/16”	0.018
SP-08	1”	1-3/16”	3/16”	0.025
SP-12	1-1/2”	1-11/16”	1/4”	0.070
SP-16	2”	2-3/16”	1/4”	0.120

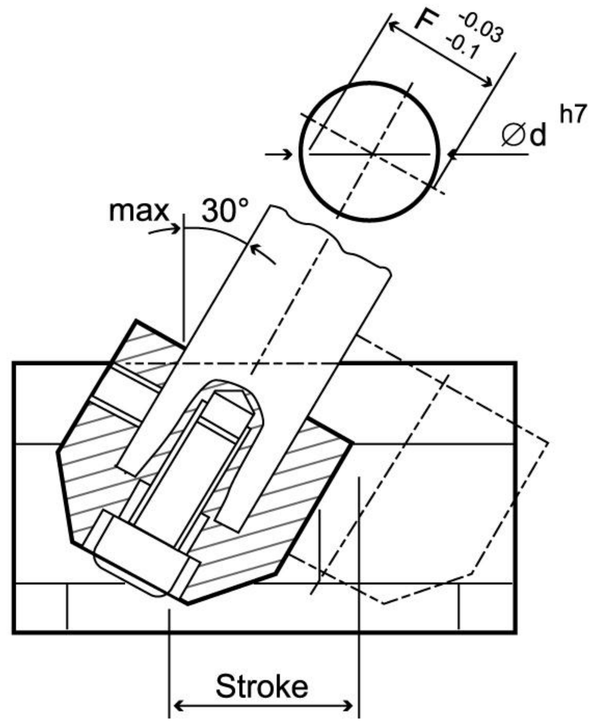
S10 Side Core Units

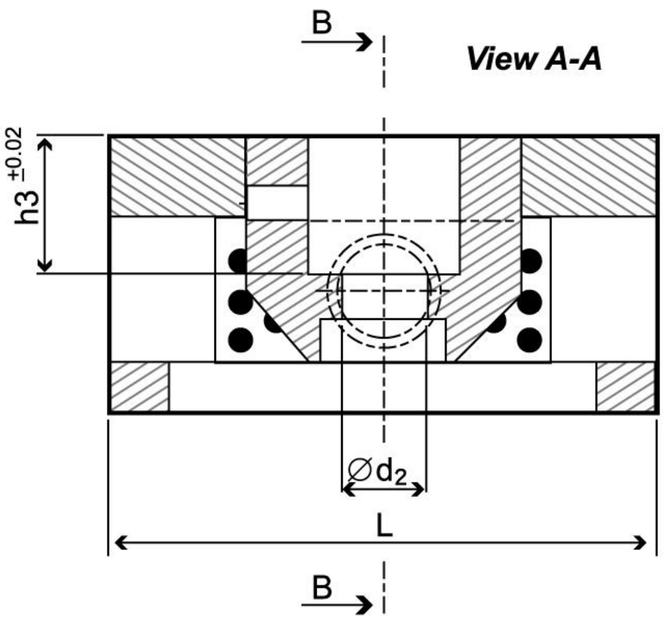
KAXI™

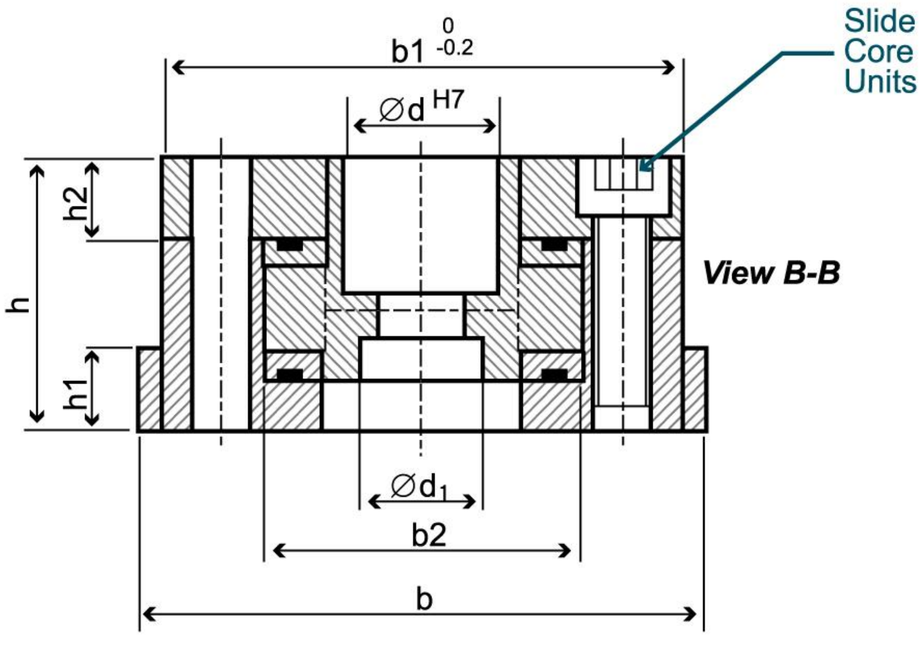
MATERIAL: Ck45 Black Oxidized Coating + Bronze Graphite Slide











METRIC STANDARD

Code	b	L	h	b_1	b_2	b_3	L_1	h_1	h_2	h_3	Ød	Ød_1	Ød_2	Ød_3	F	Stroke	Kg
S10-08	33	32	22	30	19	24	20	5	7	8	**8**	8	4.5	3	7	10	0.13
S10-10	45	45	27	40	25	32	30	5	8	10	**10**	10	5.5	4	9	18	0.25
S10-12	57	50	32	51	31	39	35	7	10	12	**12**	11	7	6	11	20	0.45
S10-16	65	65	36	58	38	46	40	8	10	16	**16**	14	9	6	14.5	25	0.70
S10-20	80	80	42	72	44	56	55	11	12	20	**20**	17	11	8	18	30	1.30
S10-25	93	90	50	85	52	66	65	15	15	25	**25**	20	14	10	22.5	35	2.00
S10-30	101	100	55	93	60	74	70	15	15	30	**30**	20	14	10	27	40	2.60
S10-35	120	120	62	110	70	85	80	15	18	35	**35**	26	14	10	32	45	--
S10-40	130	135	70	120	80	95	90	15	18	40	**40**	26	17.5	10	36	50	--
S10-45	140	150	80	130	90	105	110	15	20	45	**45**	26	17.5	10	40	55	--